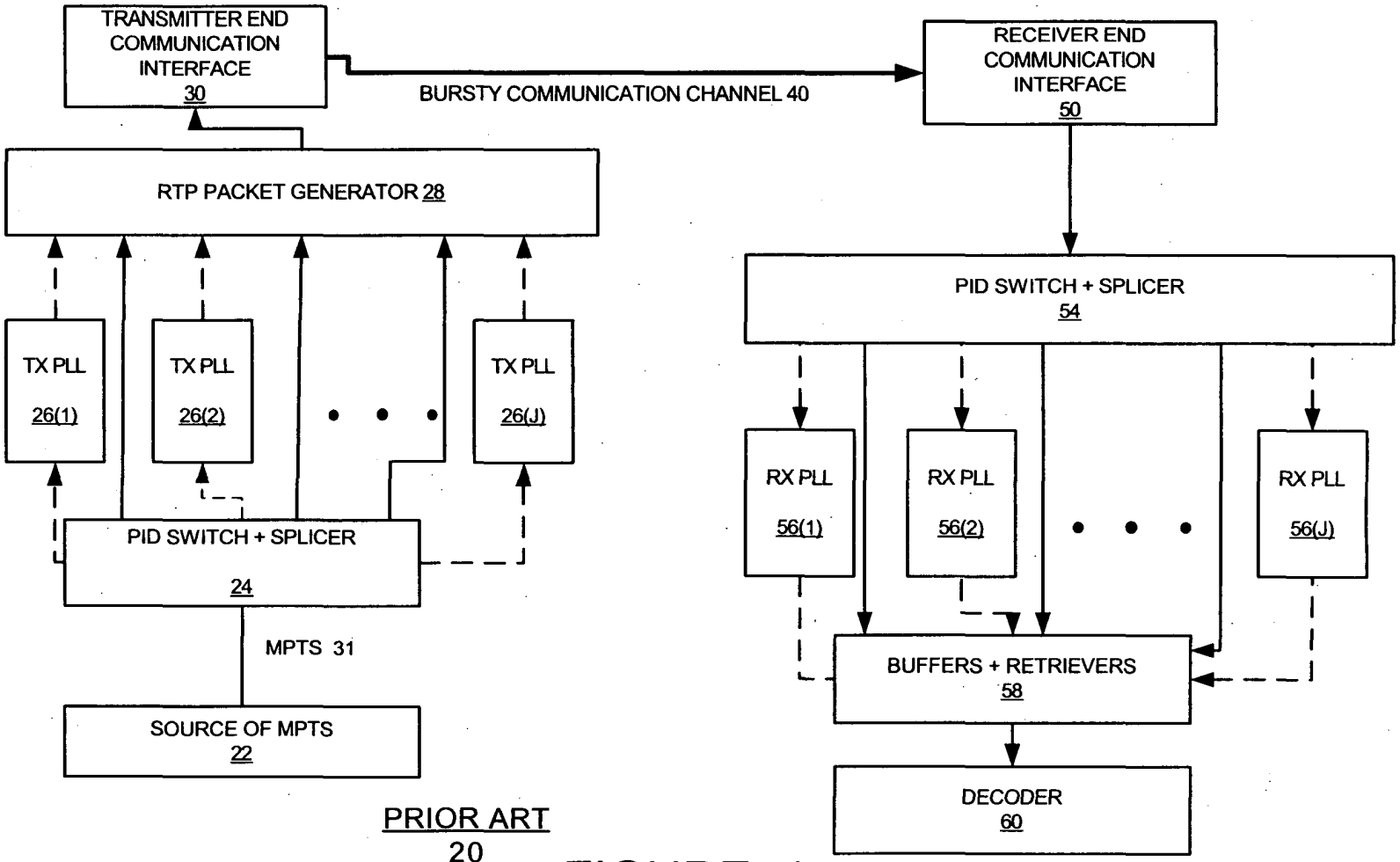


PRIOR ART
20

FIGURE 1

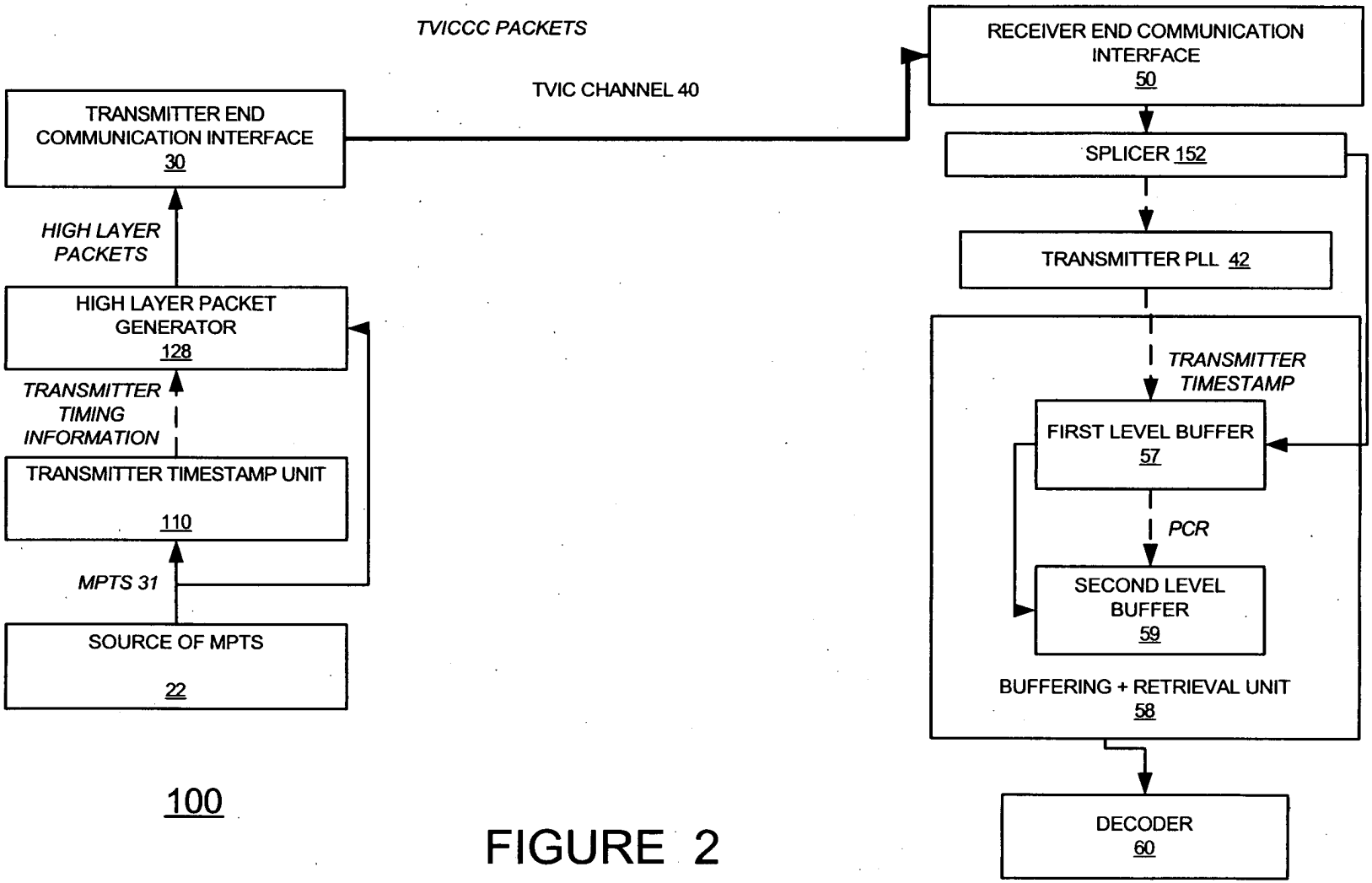
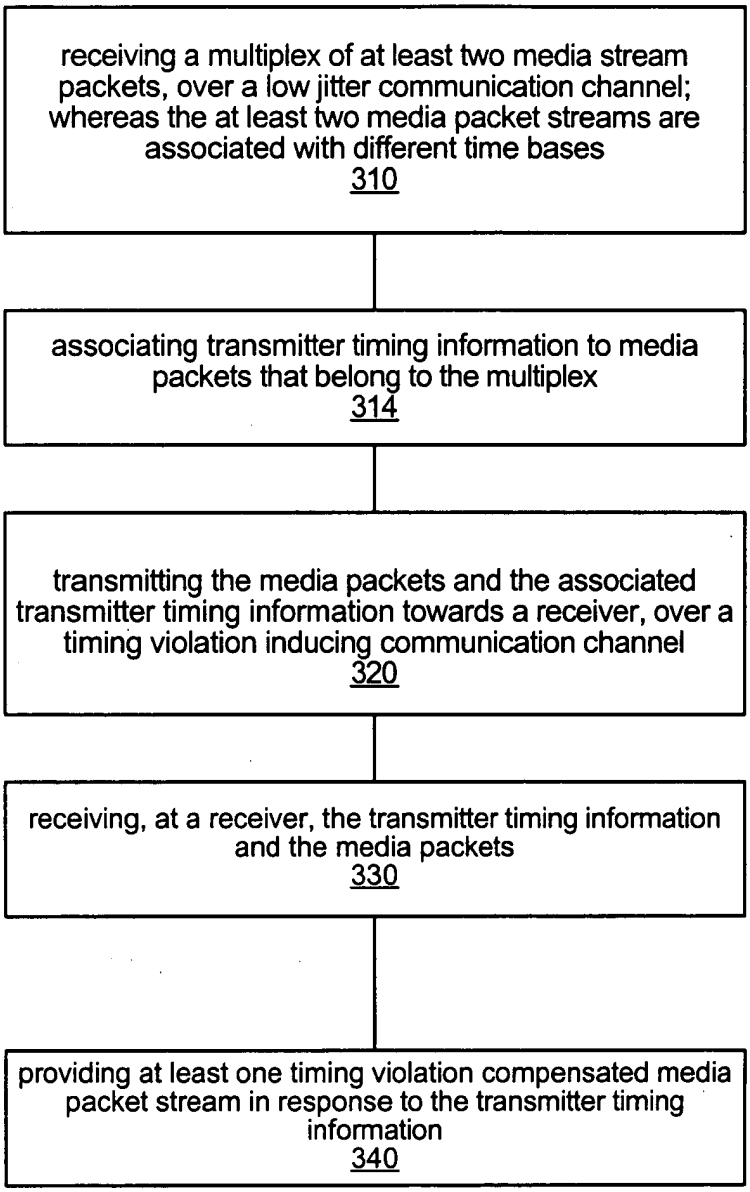

TVICCC PACKETS
TVIC CHANNEL 40
RECEIVER END COMMUNICATION INTERFACE
50
TRANSMITTER END COMMUNICATION INTERFACE
30
SPLICER 152
HIGH LAYER PACKETS
TRANSMITTER PLL 42
HIGH LAYER PACKET GENERATOR
128
TRANSMITTER TIMESTAMP
TRANSMITTER TIMING INFORMATION
FIRST LEVEL BUFFER
57
TRANSMITTER TIMESTAMP UNIT
110
PCR
SECOND LEVEL BUFFER
59
MPTS 31
BUFFERING + RETRIEVAL UNIT
58
SOURCE OF MPTS
22
DECODER
60
100

FIGURE 2


receiving a multiplex of at least two media stream packets, over a low jitter communication channel; whereas the at least two media packet streams are associated with different time bases
310
associating transmitter timing information to media packets that belong to the multiplex
314
transmitting the media packets and the associated transmitter timing information towards a receiver, over a timing violation inducing communication channel
320
receiving, at a receiver, the transmitter timing information and the media packets
330
providing at least one timing violation compensated media packet stream in response to the transmitter timing information
340

300

FIGURE 3

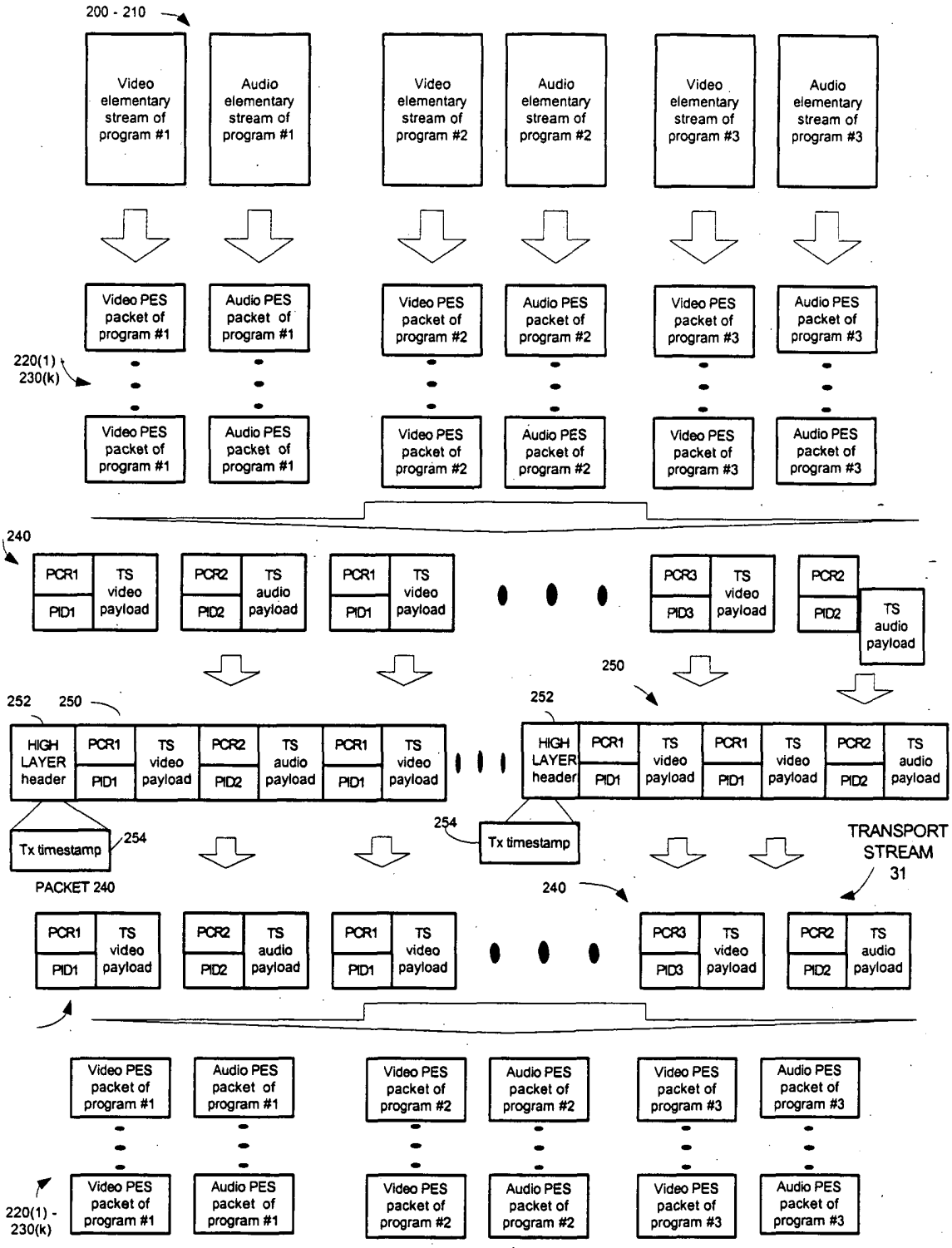

200 - 210
Video elementary stream of program #1
Audio elementary stream of program #1
Video elementary stream of program #2
Audio elementary stream of program #2
Video elementary stream of program #3
Audio elementary stream of program #3
Video PES packet of program #1
Audio PES packet of program #1
Video PES packet of program #2
Audio PES packet of program #2
Video PES packet of program #3
Audio PES packet of program #3
220(1) - 230(k)
240
PCR1
PID1
TS video payload
PCR2
PID2
TS audio payload
PCR3
PID3
250
252
HIGH LAYER header
254
Tx timestamp
PACKET 240
TRANSPORT STREAM 31

FIGURE 4